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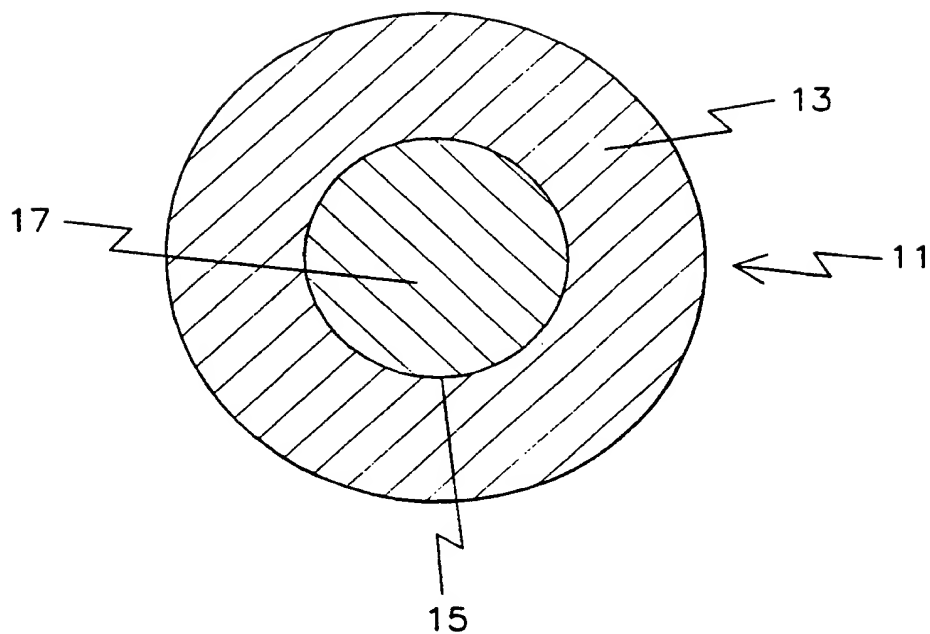


FIG. 1

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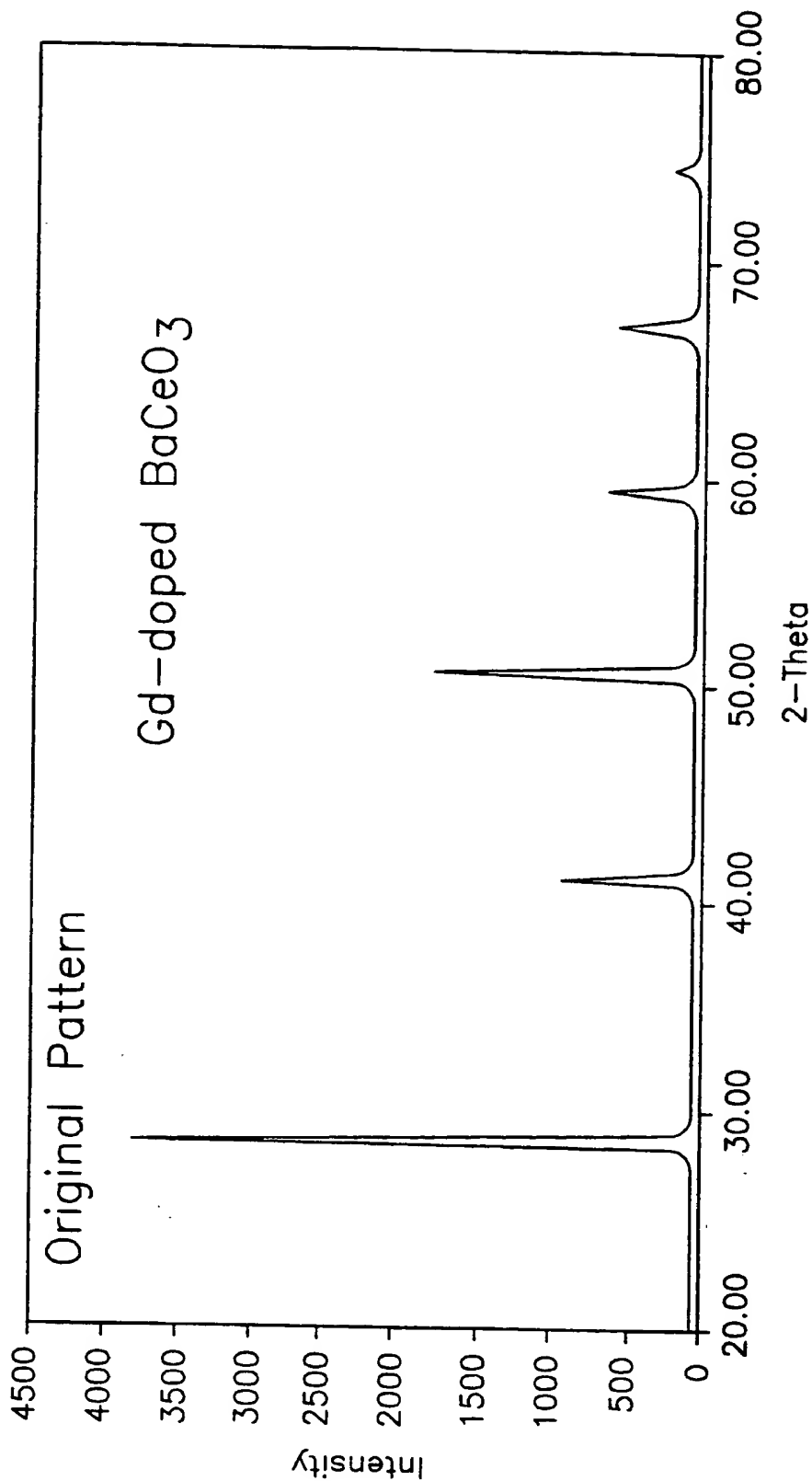


FIG. 2 (a)

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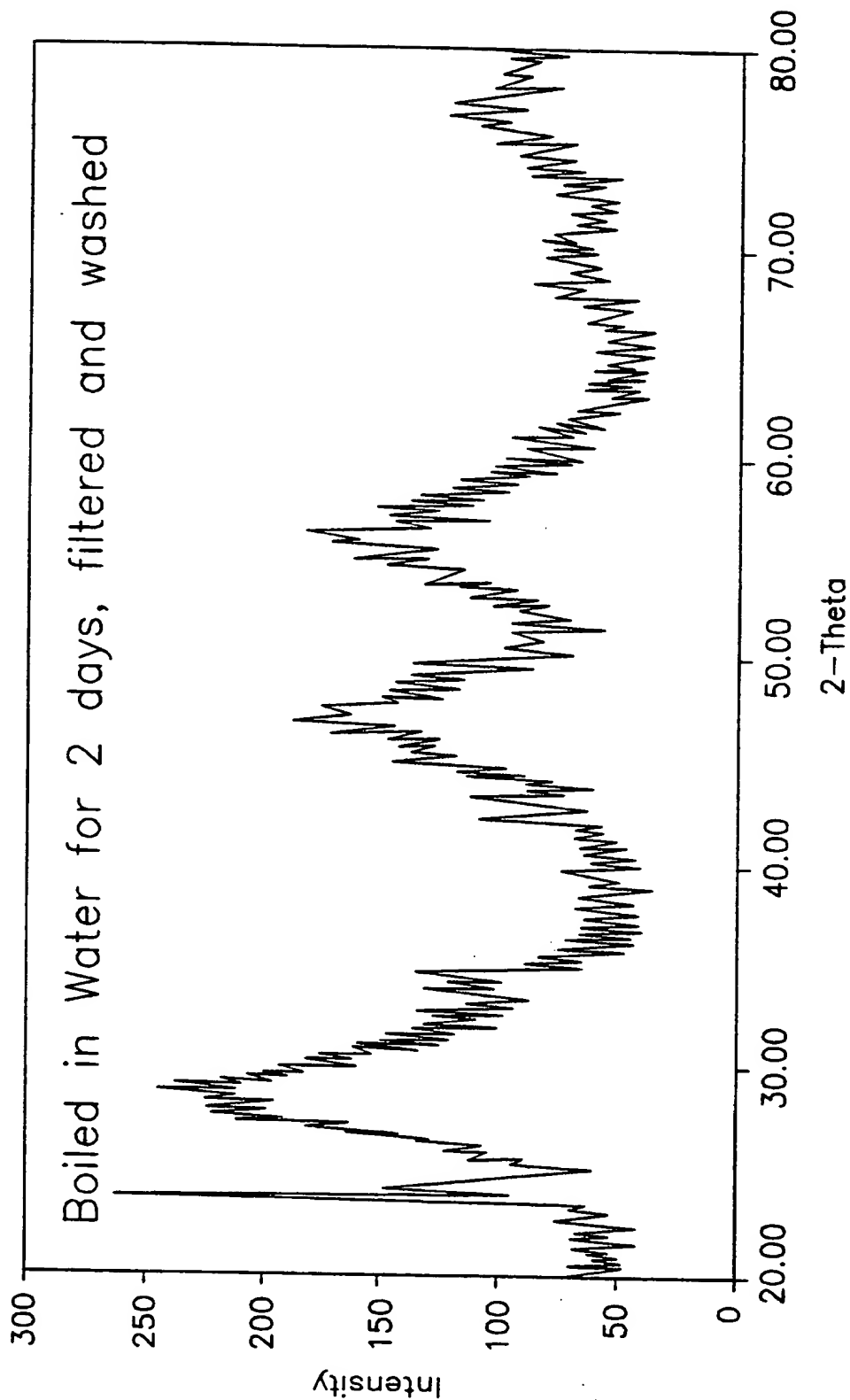


FIG. 2 (b)

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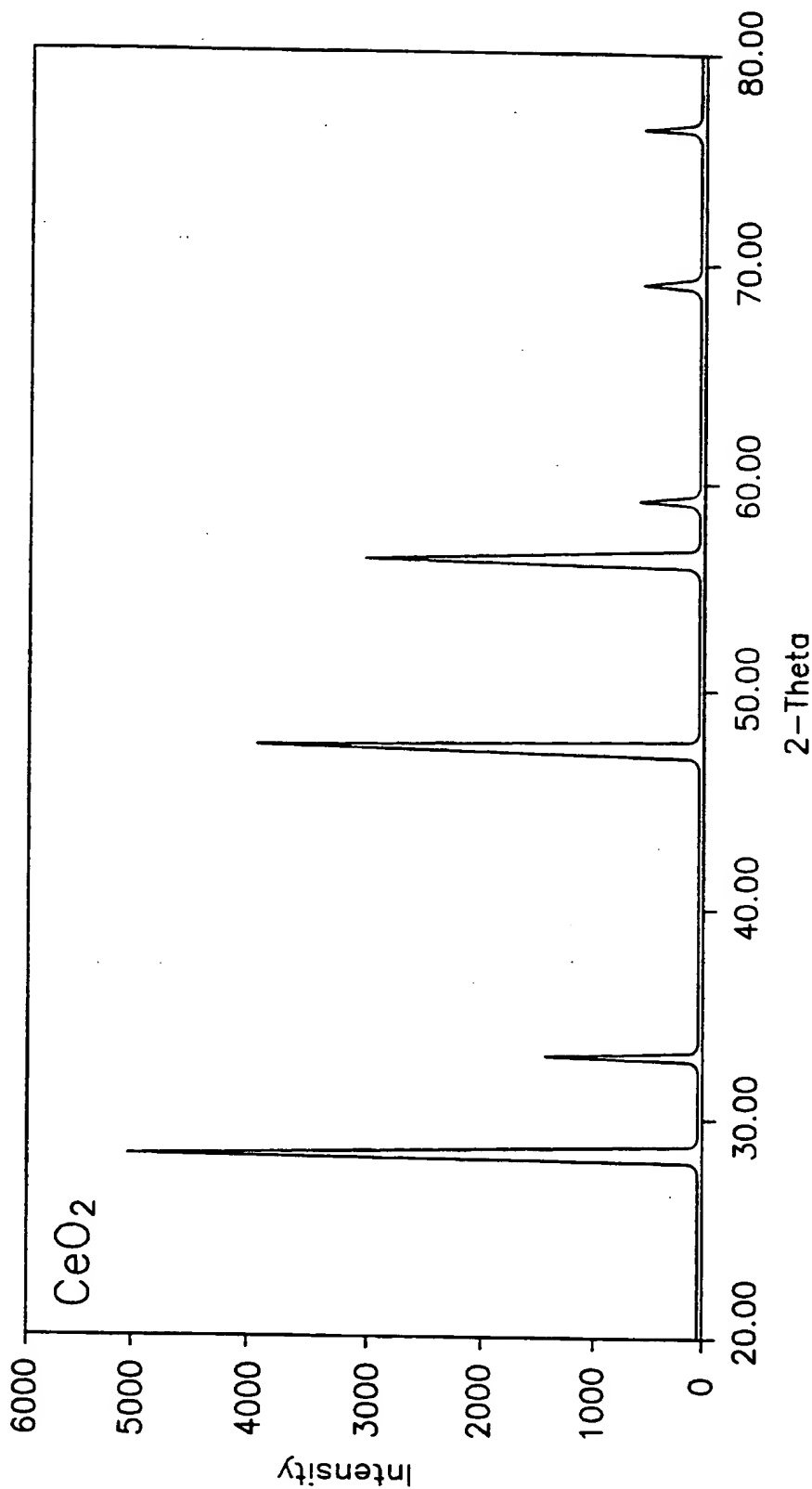


FIG. 2 (c)

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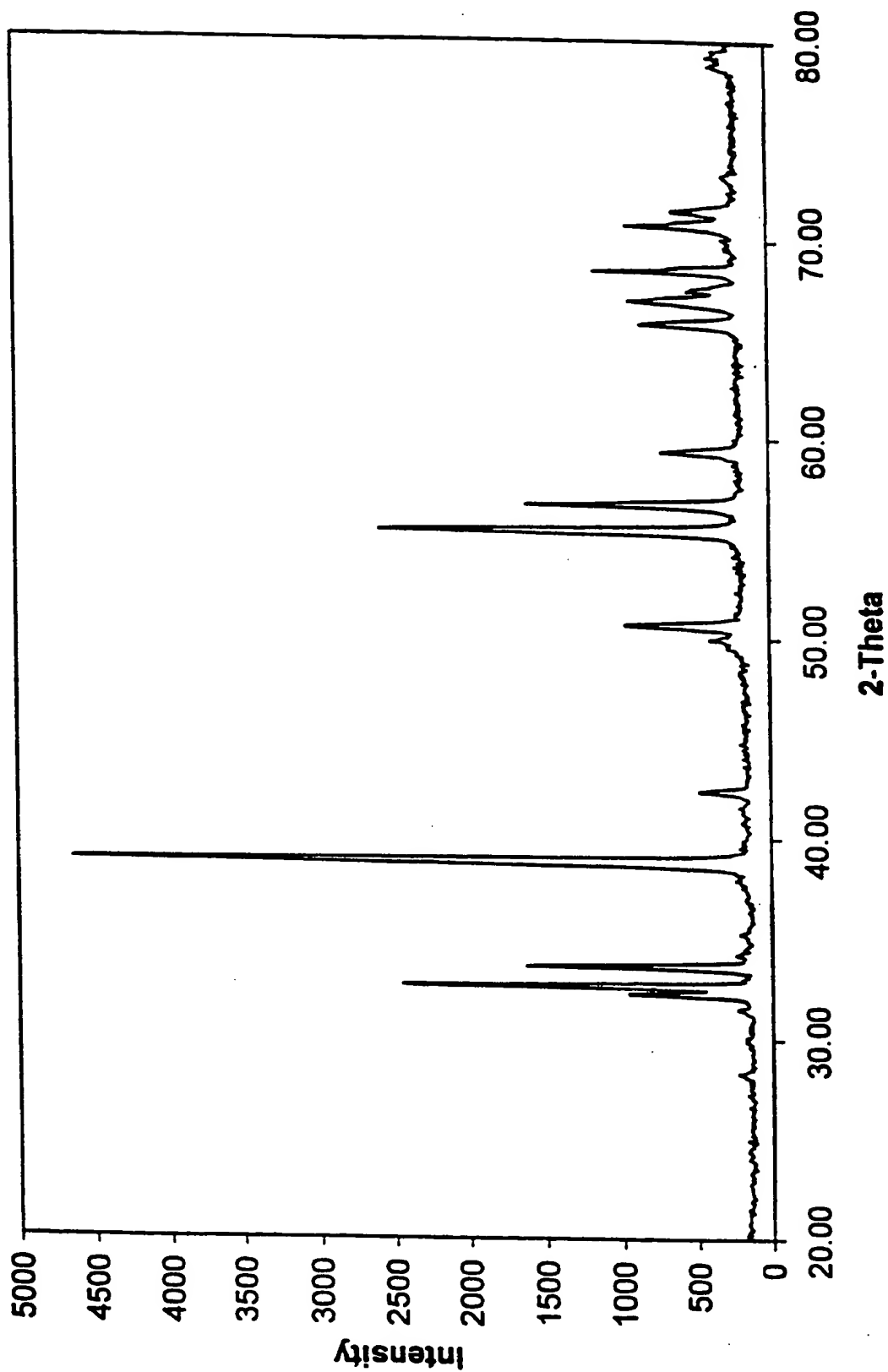
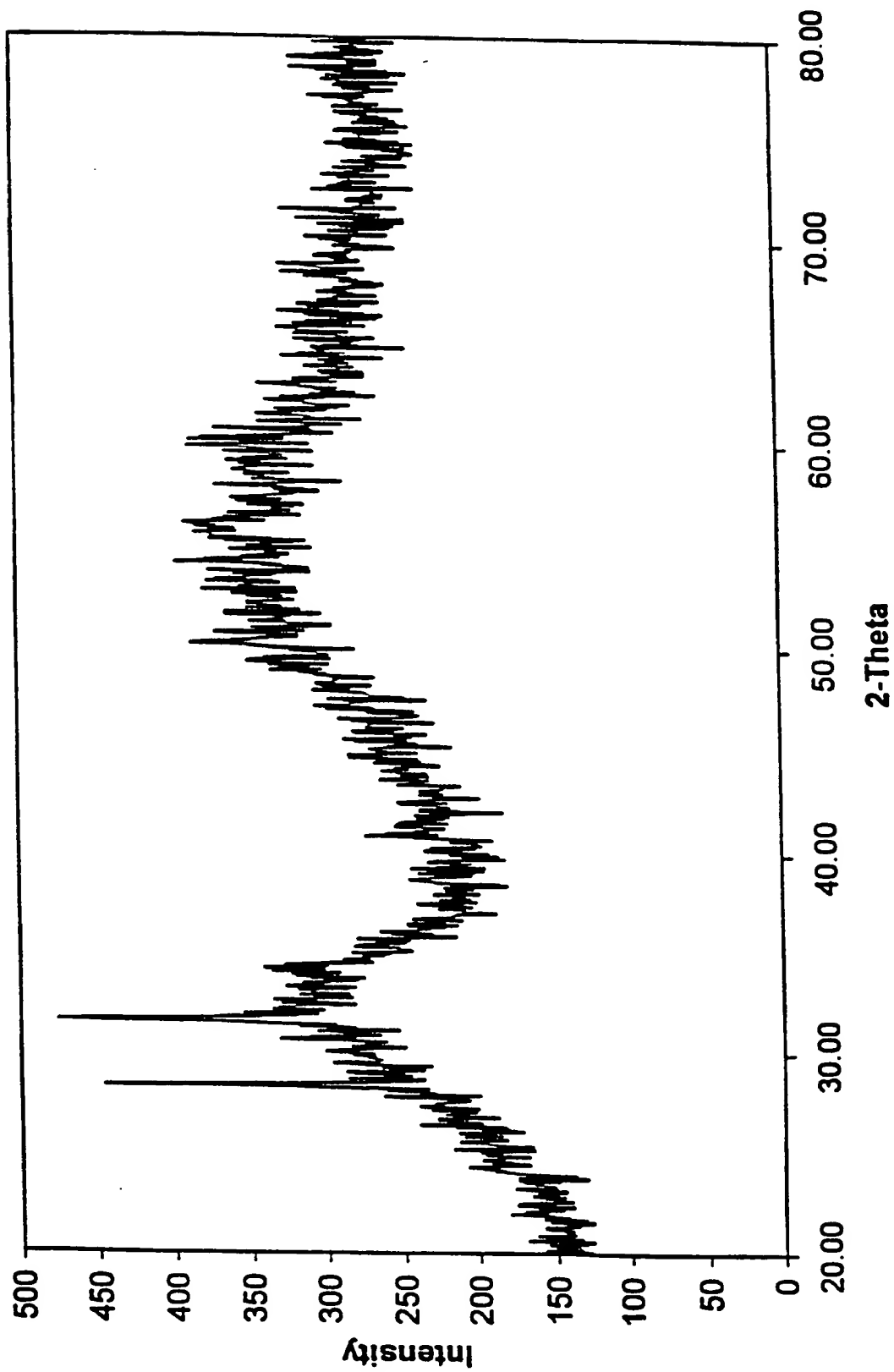
 $\text{Na}_2\text{ZrO}_3$ 

FIG. 3(a)

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**Na<sub>2</sub>ZrO<sub>3</sub> boiled in water for 10 min**



**FIG. 3(b)**

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Na<sub>2</sub>ZrO<sub>3</sub> boiled in water for 10 min then at 100C, 1.5 hrs

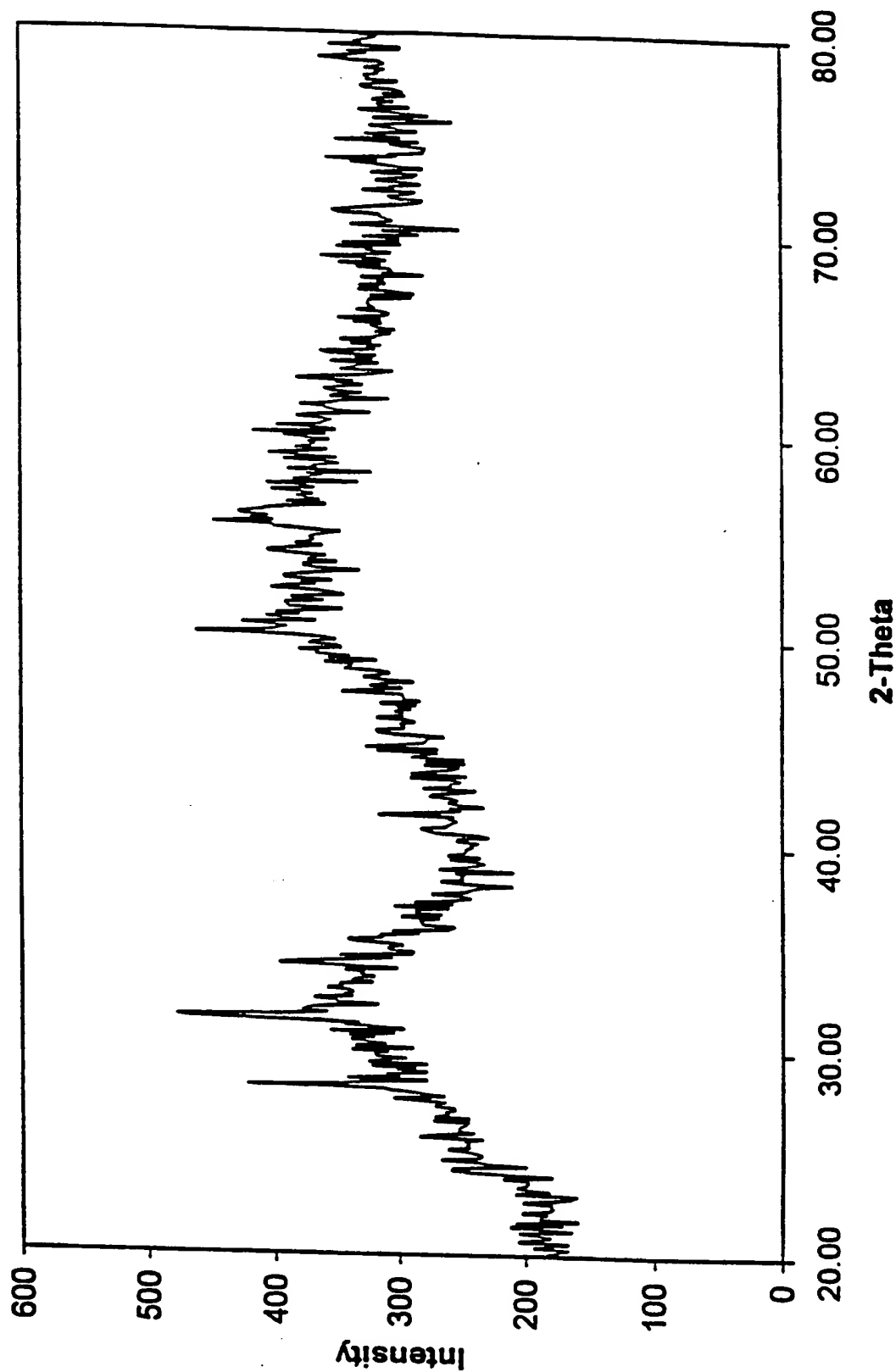


FIG. 3(c)

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Na<sub>2</sub>ZrO<sub>3</sub> boiled in water for 10 min then at 200C, 1.5 hrs

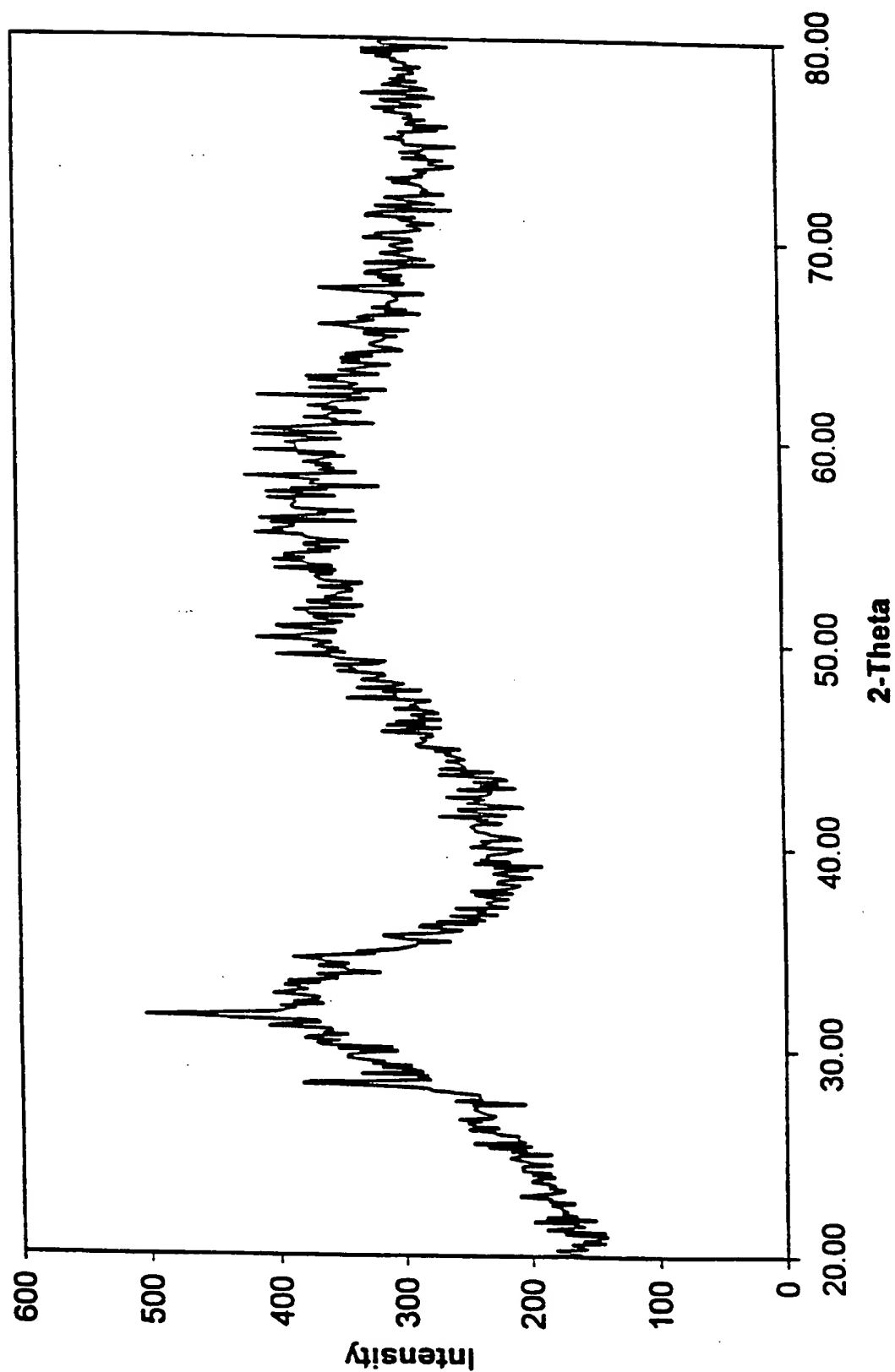


FIG. 3 (d)



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Na<sub>2</sub>ZrO<sub>3</sub> boiled in water for 10 min then at 300C, 1.5 hrs

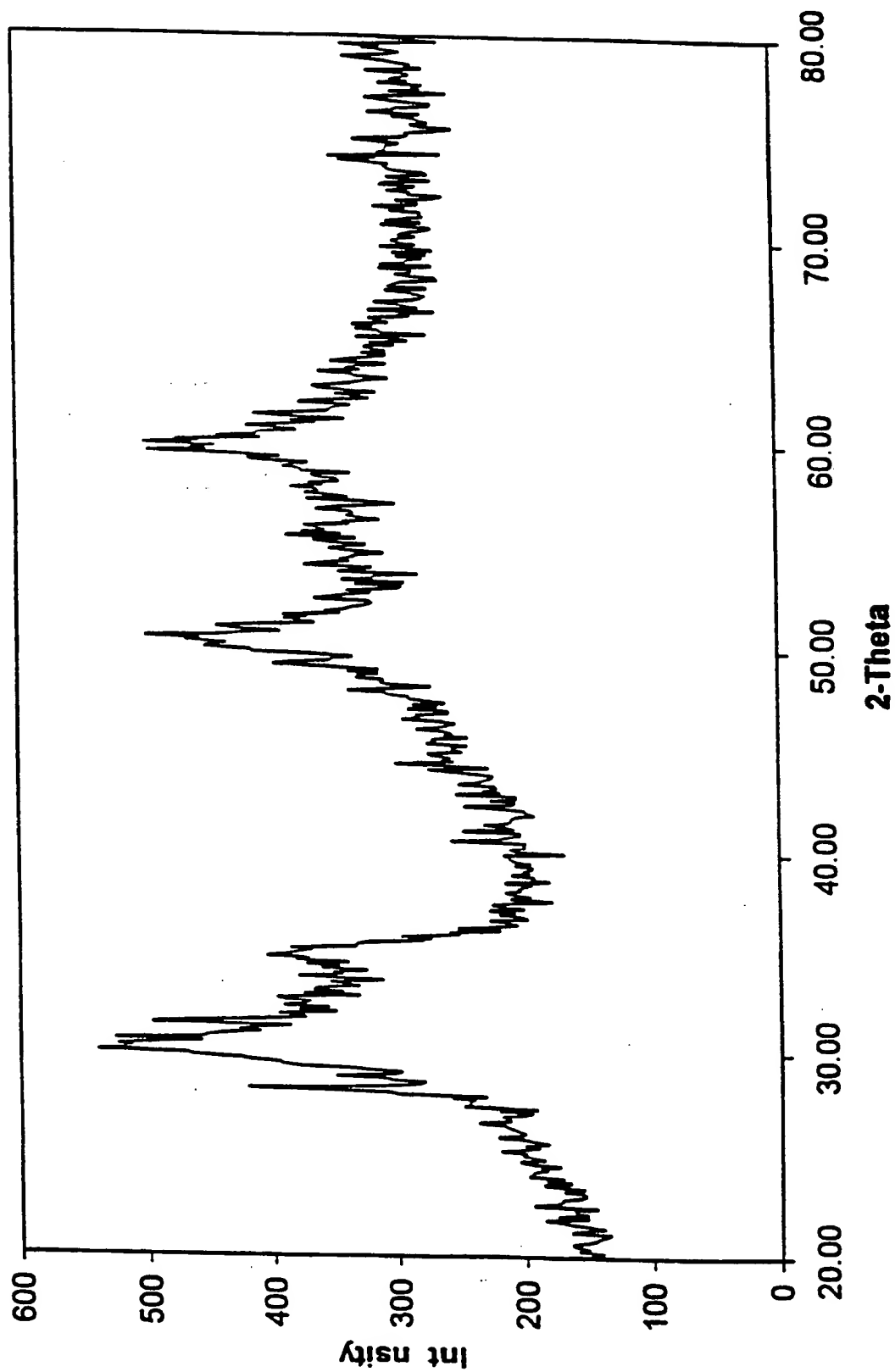
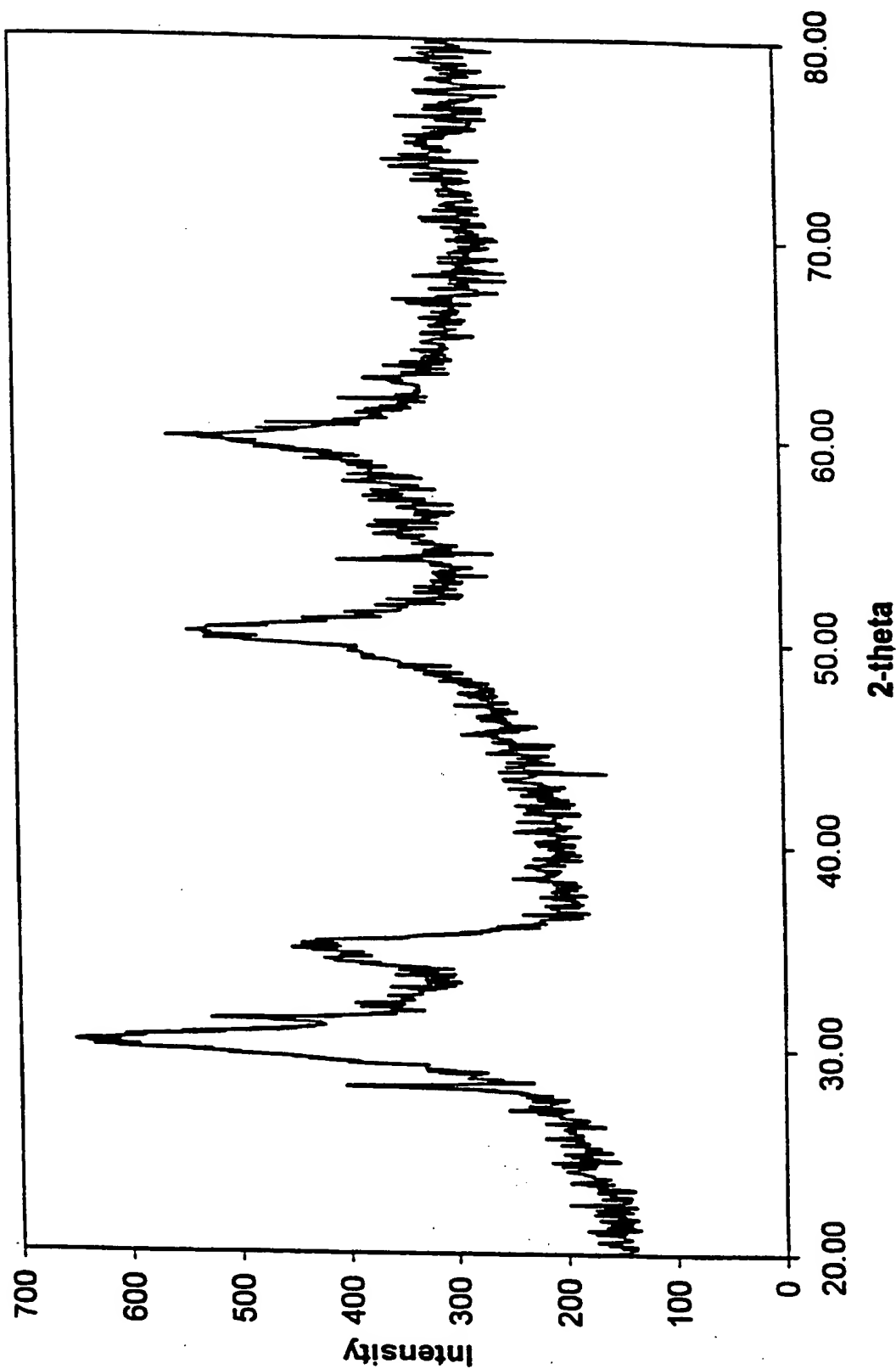


FIG. 3(e)

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**Na<sub>2</sub>ZrO<sub>3</sub> boiled in water for 10 min then at 350C, 1.5 hrs**

**FIG. 3(f)**

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Na<sub>2</sub>ZrO<sub>3</sub> boiled in water for 10 min then at 400C, 1.5 hrs

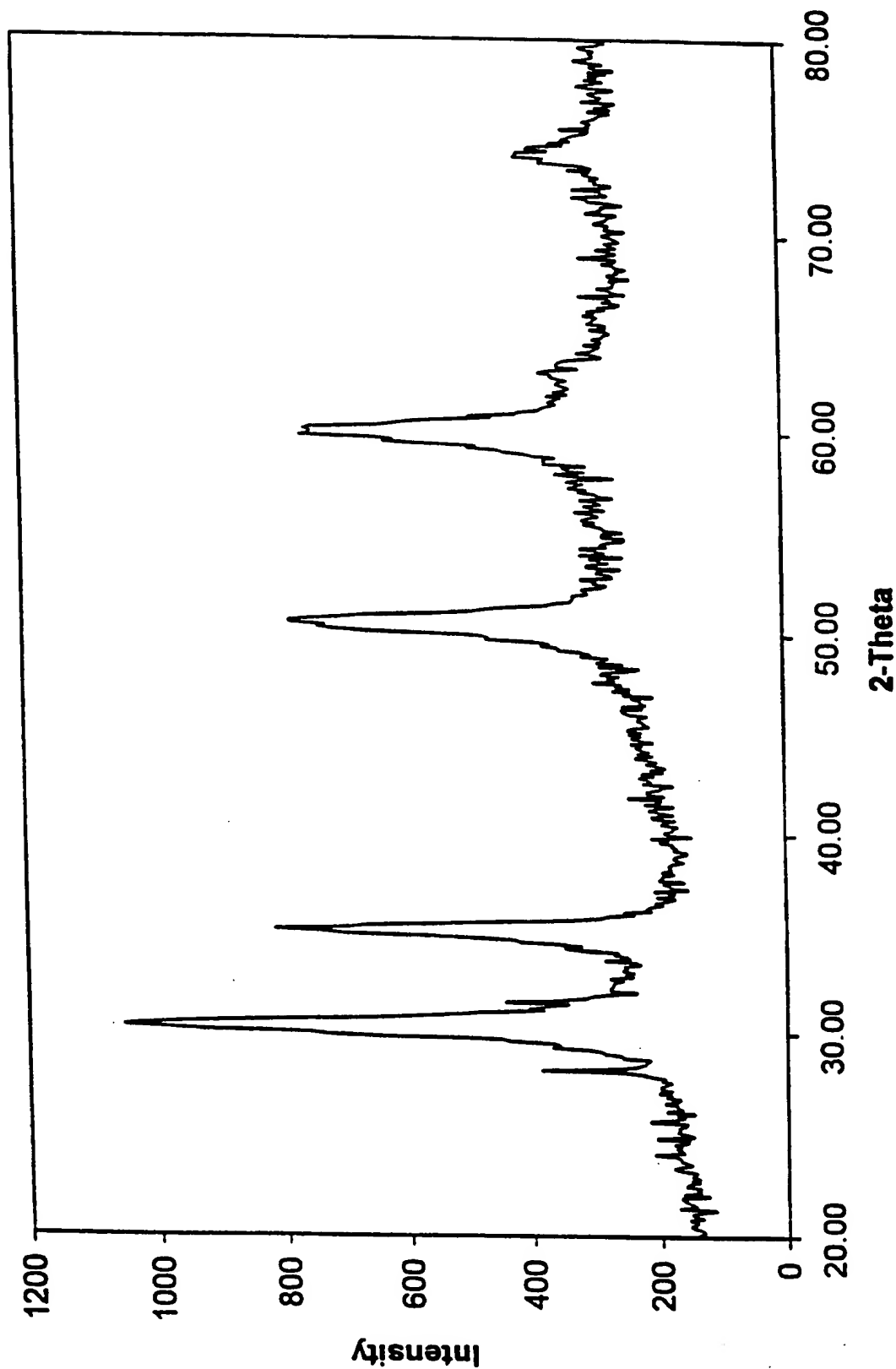


FIG. 3(g)

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Na<sub>2</sub>ZrO<sub>3</sub> boiled in water for 10 min then at 500C, 1.5 hrs

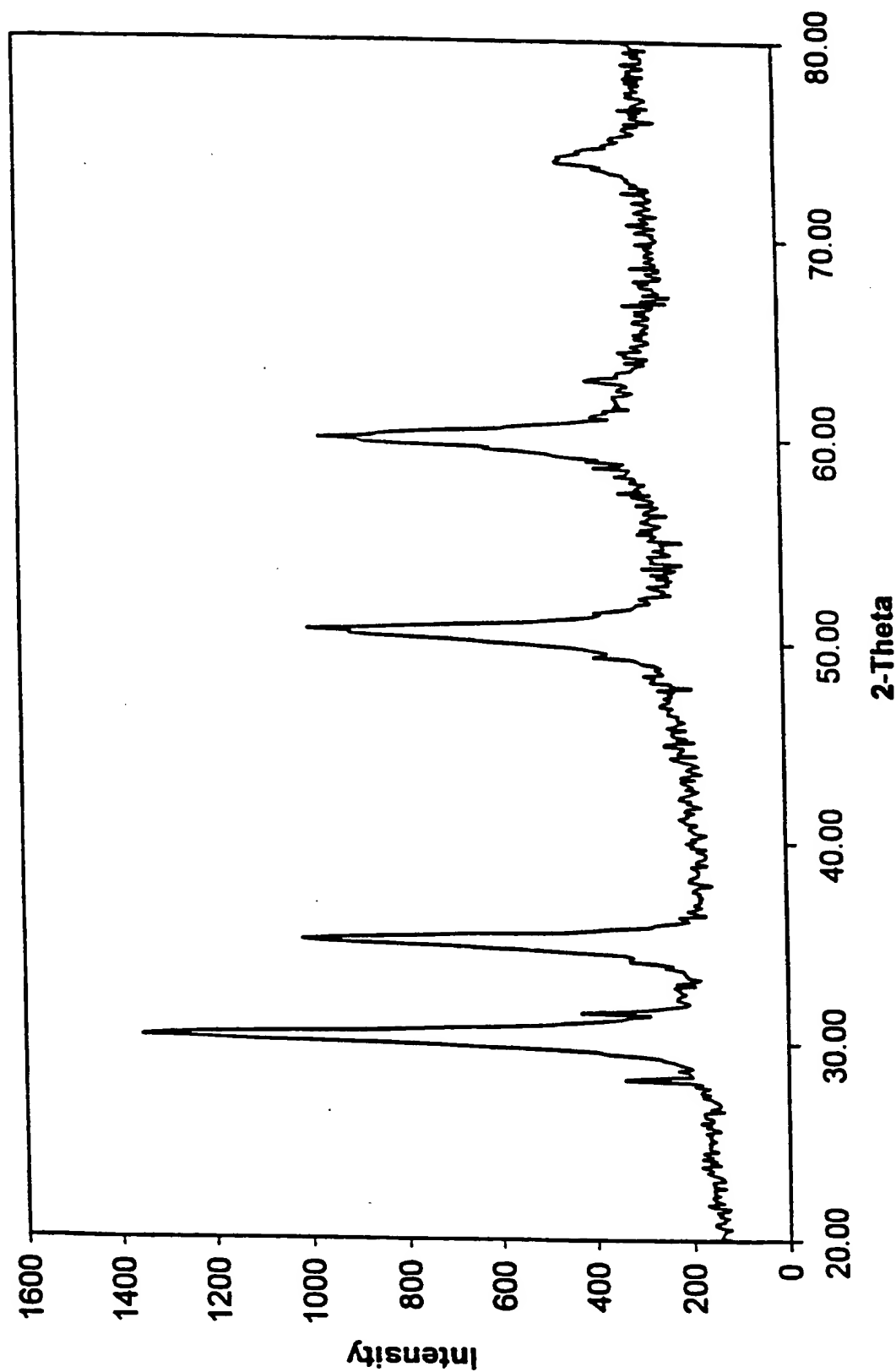


FIG. 3(h)